

FACTS & FIGURES

Domestic

	WEEKLY				MONTHLY		
	4/9/83	4/2/83	4/10/82		1/83	12/82	1/82
Production				Bituminous and Lignite			
Bituminous, recent week	14,702	12,854	16,802	Consumption			
Bituminous, year to date	203,229		238,419	Electric power utilities	53,278	50,814	56,737
Anthracite, recent week	84	66	80	Coal user stocks of coal			
Anthracite, year to date	1,123		1,430	Electric power utilities	167,515	170,480	148,404
Railroad carloadings				Anthracite			
Bituminous, recent week	95,904	85,800	113,293	Consumption			
Bituminous, year to date	1,357,025		1,612,578	Electric power utilities	73	99	89
Anthracite, recent week	206	160	277	Coal user stocks of coal			
Anthracite, year to date	1,389		2,850	Electric power utilities	6,107	6,080	5,437

Production data in thousands of short tons.

Source: U.S. Department of Energy, Energy Information Administration—Weekly Coal Report.

Note: Data give in thousands of short tons.

Source: U.S. Department of Energy's Energy Information Administration—Weekly Coal Report.

	WEEKLY						
	4/9/83	4/2/83	4/10/82		1/83	12/82	1/82
Production by states, bituminous and lignite				Coal User Production			
Eastern				Major district users:			
Alabama	438	405	547	Electric utilities			
Georgia				(Mil Kwh.)			
Illinois	1,113	1,013	1,247	Monthly	109,164	100,970	113,124
Indiana	543	470	614				
Kentucky:							
Eastern	2,022	1,688	2,206	Price indexes			
Western	554	536	844		2/83	1/83	10/82
Total, Ky.	2,576	2,224	3,050	Bituminous Coal and Lignite	104.9	104.2	105.0
Maryland	69	59	82	Primary Products	103.7	103.2	103.3
Ohio	616	591	787	Prepared	104.4	103.5	104.4
Pennsylvania	1,274	1,152	1,688	Steam electric utilities	105.7	104.3	105.4
Tennessee	131	119	192	North Appalachia	104.4	99.5	102.9
Virginia	652	568	844	Spot	N.A.	N.A.	N.A.
West Virginia	2,252	2,058	2,456	Contract	102.1	N.A.	102.6
Total, Eastern	9,784	8,719	11,507	South Appalachia	98.2	N.A.	N.A.
				Contract	98.0	98.0	99.7
Western				Midwest	109.4	109.3	109.2
Alaska	15	12	15	Contract	110.7	110.6	110.5
Arizona	227	180	211	West	109.5	109.1	109.0
Arkansas	3	3	4	Contract	108.5	109.1	109.0
Colorado	322	287	384	Metallurgical/coke producer	101.3	101.2	101.5
Iowa	8	8	12	High volatile	100.7	100.4	100.0
Kansas	14	13	15	North Appalachia	97.2	97.2	97.2
Missouri	93	79	106	Contract	N.A.	N.A.	N.A.
Montana	485	425	652	South Appalachia			
New Mexico	352	283	384	Contract	102.7	102.3	101.5
North Dakota	335	285	350	West	99.0	99.0	100.7
Oklahoma	84	82	107	Low volatile	99.6	100.3	102.7
Texas	639	531	633	North Appalachia			
Utah	305	263	298	Contract	97.8	97.8	100.9
Washington	72	64	100	South Appalachia			
Wyoming	1,984	1,620	2,034	Contract	N.A.	102.4	104.2
Total Western	4,938	4,135	5,285	All other industrial	98.5	101.1	99.7
Total, United States	14,782	12,854	16,802	North Appalachia	92.6	N.A.	N.A.

In short tons (000).

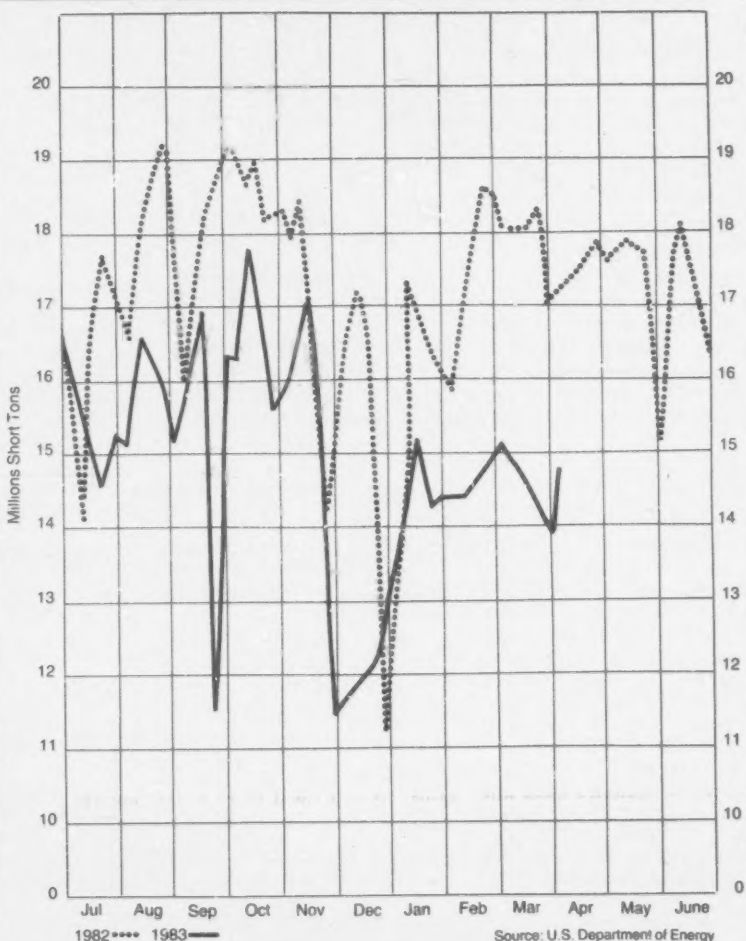
Source: U.S. Department of Energy, Energy Information Administration—Weekly Coal Reports.

	MONTHLY				MONTHLY		
	2/83	1/83	2/82		2/83	1/83	2/82
Coal Labor				Anthracite	152.7	153.2	154.0
All employees				Primary products	151.5	152.0	152.6
Coal Mining	199.0	204.5	249.1	Prepared anthracite shipped	153.3	153.9	154.7
Bituminous & Lignite	196.3	201.5	245.8	Slove	148.6	151.2	151.7
Production employees				Chestnut	148.4	148.4	151.5
Coal mining	158.6	163.5	206.1	Pes	158.0	160.3	160.3
Bituminous & Lignite	156.3	160.8	203.0	Buckwheat no. 1	149.0	149.0	149.0
Hours, weekly average				Buckwheat no. 2	160.8	160.8	160.8
Coal mining	39.1	40.0	41.6	Buckwheat no. 4	143.9	143.9	143.9
Bituminous & Lignite	39.1	40.0	41.5	Buckwheat no. 5	110.2	110.2	112.0
Earnings, hourly average				N.A.—Not Available			
Coal mining	13.41	13.28	12.37				
Bituminous & Lignite	13.45	13.33	12.41				
Earnings, weekly average							
Coal mining	524.33	531.20	514.59				
Bituminous & Lignite	525.90	533.20	515.02				

Source: U.S. Department of Labor, Bureau of Labor Statistics—Employment and Earnings.

Source: Bureau of Labor Statistics, Department of Labor.
Note: The Bureau of Labor Statistics has reclassified its producer price index figures for bituminous and lignite, as well as reorganizing its pricing categories. The new index is based on a compilation of average prices for December 1981, and that month appears as 100. The former index used June 1976 prices as its base.

Latest U.S. Production Figures
Estimated Bituminous Coal and Lignite Production



BITUMINOUS COAL AND LIGNITE production in the United States for the week ending April 9 rose an estimated 1.848 million short tons, or 14.4 percent, to 14.7 million short tons from the previous week's level. But the Department of Energy's Energy Information Administration production estimate for the week was 12.5 percent below the year-ago figure of 16.8 million short tons. Bituminous coal and lignite production from Jan. 1 through April 9 totaled 203,229 million short tons, 15.1 percent less than production in the same 1982 period, according to EIA.

	Quantity in short tons			Dollar Value			Avg. Value per short ton		
	2/83	1/83	2/82	2/83	1/83	2/82	2/83	1/83	2/82
Bituminous coal, others									
No. 5213120									
Belgium	—	—	176,570	—	—	8,794,086	—	—	49.80
Canada	1,372	1,367	3,150	60,556	67,123	131,028	44.13	48.04	41.59
China, Taiwan	186,091	—	119,362	7,866,839	—	4,568,560	41.82	—	38.59
Denmark	80,879	166,527	143,908	4,330,653	7,489,837	7,723,244	53.54	44.97	53.70
Finland	—	68,849	—	—	2,855,258	—	—	41.47	—
France	213,529	55,974	243,523	9,321,491	2,099,051	11,553,213	43.65	37.50	47.44
Germany, F.R. (West)	964	59,792	120,376	192,984	3,480,749	6,724,937	196.12	58.21	55.86
Italy	199,674	68,863	308,100	8,326,455	3,794,918	13,525,851	41.70	55.10	43.90
Japan	238,043	142,802	319,284	11,708,971	6,793,968	16,736,490	49.18	47.57	52.41
Netherlands	30,903	122,759	60,093	1,648,755	5,588,853	2,950,991	53.35	45.53	49.10
Spain	163,589	245,836	218,288	6,408,330	10,082,588	10,828,441	39.17	41.05	49.60
Total, above	1,117,064	932,799	1,711,574	49,665,034	42,263,325	83,536,811	44.63	45.30	48.80
Total, other nations	137,774	301,418	116,844	5,047,051	14,515,436	8,359,951	36.63	48.15	54.43
Total, all nations	1,254,838	1,234,217	1,828,418	54,712,085	56,778,761	91,896,762	43.76	46.00	48.16

Lignite No. 5213130									
Total, all nations	3,350	1,293	2,325	286,457	97,027	248,348	85.50	75.04	108.81

Coal coke for use as fuel									
No. 5213148									
Total, all nations	43,353	55,657	101,474	3,085,027	4,305,112	6,525,777	71.16	77.33	64.30

Petroleum coke, except calcined No. 5213150									
Canada	12,000	33,032	10,932	542,032	1,070,030	547,117	45.16	32.39	50.04
Japan	391,435	379,969	150,382	15,247,119	15,748,012	7,810,568	38.95	41.44	51.93
Netherlands	65,500	174,308	43,442	1,526,000	7,109,585	2,300,423	23.29	40.78	52.95
Total, above	468,935	587,309	204,756	17,315,151	23,925,677	10,658,108	36.92	40.73	52.05
Total, other nations	303,674	614,716	65,094	7,547,868	17,161,618	3,536,314	24.85	27.91	54.32
Total, all nations	772,609	1,202,025	269,850	24,863,019	41,087,295	14,194,422	32.18	34.18	52.80

Compositions for fuel									
No. 5213160									
Total, all nations	4,174	64	8,982	252,408	12,845	514,116	60.47	197.57	99.90

Anthracite No. 5213170									
Korea Rep. (South)	—	—	36,353	—	—	2,259,463	—	—	62.14
Total, all nations	1,982	4,702	44,274	133,618	987,840	2,905,552	68.10	146.36	65.82

Exports & Imports

	Quantity in short tons			Dollar Value			Avg. Value per short ton		
	2/83	1/83	2/82	2/83	1/83	2/82	2/83	1/83	2/82
Bituminous coal, low volatile blends to make coke No. 5213110									
Belgium	102,086	167,431	411,761	6,372,387	8,190,265	22,197,611	62.42	46.91	53.90
Brazil	260,658	168,265	324,664	10,641,939	7,623,384	15,734,185	40.82	45.30	48.46
Canada	118	250	839	5,874	7,370	31,969	49.77	29.48	38.10
France	143,400	366,926	516,876	5,392,126	17,867,580	24,398,457	37.60	48.69	47.20
Germany, F.R. (West)	84,860	84,011	231,984	4,065,366	3,973,062	14,395,766	47.90	47.29	62.06
Italy	676,515	473,658	1,225,797	28,779,335	22,548,829	57,489,463	42.54	47.60	46.89
Japan	1,026,776	1,407,389	3,205,786	58,598,280	87,098,766	181,985,063	58.04	61.88	56.76
Netherlands	182,030	289,929	293,543	9,584,337	16,032,457	14,035,454	52.65	55.29	47.81
Spain	183,130	219,002	341,694	7,872,189	10,743,839	16,528,986	42.98	49.05	48.54
Sweden	78,036	68,611	80,243	3,704,349	4,129,581	4,751,960	47.46	60.01	59.21
United Kingdom	—	—	253,436	—	—	4,332,537	—	—	56.55
Yugoslavia	107,563	—	236,318	5,308,416	—	13,563,179	49.35	—	57.39
Total, above	2,845,172	3,245,672	7,122,921	141,324,578	178,215,113	379,503,233	49.67	54.90	53.27
Total, other nations	702,612	258,271	893,965	40,666,377	14,486,799	49,564,463	57.87	56.09	55.44
Total, all nations	3,547,784	3,503,943	8,016,886	181,990,955	192,701,912	429,067,696	51.29	54.99	53.52

BEST AVAILABLE COPY

Focus:
REBUILDING
AND RECOVERY
Starts on Page 8

COAL INDUSTRY NEWS

Coal's National Newspaper

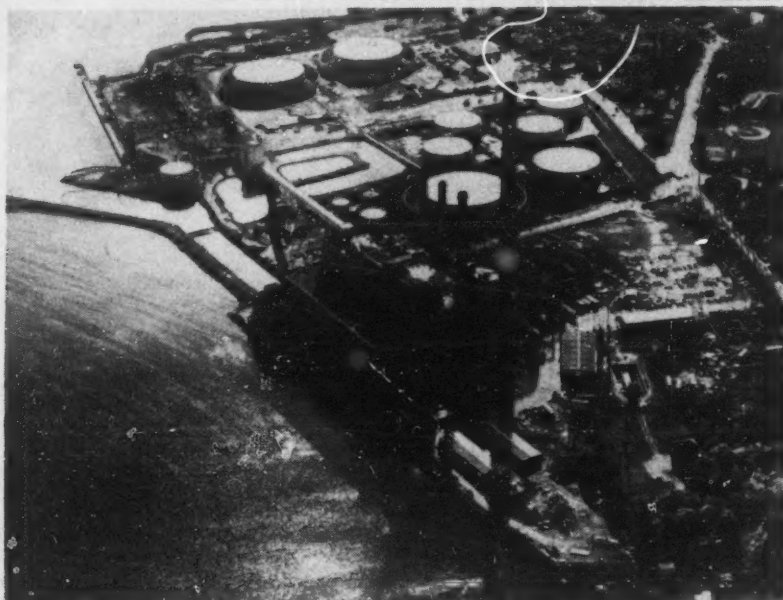
BULK RATE
U.S. POSTAGE
PAID
Permit No. 332
Des Plaines, IL 60018

MAY 16, 1983

1301 Pennsylvania Ave., N.W., Washington, D.C. 20004

Volume 7, Number 9

\$1 a Copy; \$24 a Year



Utilities Renew Interest in Coal Purchases

NOT ALL utilities can make the conversion to coal as successfully as New England Electric's Salem Harbor Station in Salem, Mass. But coal companies are out recruiting the conversion market, and many see an upturn in business generally with more contracts being signed with railroads and utilities. For more information on how the recessionary gloom is beginning to lift, turn to this issue's Focus on page 8.

NEWS ROUNDUP

France reports progress in getting domestic industry to switch to coal. Michel Le Guillou, managing director of CdF Energie, the French coal board's new marketing unit, said there's "significant repenetration" in industries other than coal and cement, and in district or collective heating schemes since the effort began slightly more than a year ago. He told a press conference that approximately 150 firms' decisions to convert to coal will likely result in France consuming an additional 730,000 metric tons of coal annually.

Italy, meanwhile, is facing major delays in implementing a major conversion to coal. Highly touted as an alternative energy source in the country's national energy plan passed in November 1981, coal is encountering major transportation problems. The state utility board, Enel, and other parts of the Italian government are at odds over whether rail or barge investments should be made to meet the needs of the \$71.7 billion, 10-year plan designed to cut Italy's oil dependence from 67.2 percent of total energy needs in 1980 to 51 percent by the end of this decade.

Despite continued deficits, Britain's nationalized coal industry managed to cut its losses in the year ending March

(Continued on page 2)

At 3-Day Conference in Paris

U.S. Companies Attempt to Assure They Retain Europe Market Share

By Michael Parrott

PARIS — It will be a long time before U.S. coal producers forget the phenomenal rise in steam coal exports that followed the 1979 oil price shock.

Until then, virtually all the coal shipped to foreign markets other than Canada was metallurgical. But within two years, overseas sales of steam coal had leaped to 33 million tons out of total exports of 92 million. If Canada is included, the figure was 45 million out of 110 million.

The market which showed the biggest interest in U.S. steam coal was Europe. By 1981, it was buying almost as much steam as metallurgical coal — 16 million tons compared to 30 million. In comparison, Japan imported only 4 million tons of steam coal compared to 22 million of metallurgical coal.

With the Europeans so concerned over their dependence on oil from the Organization of Petroleum Exporting Countries, there seemed no good reason why the growth in steam coal exports to this region should not continue. Indeed, U.S. exporters hope to sell Western Europe as much as 39 million tons by 1990, compared to 12 million in 1980, the largest tonnage increase of any major overseas market.

Such an increase is considered essential if the United States is to succeed in increasing its overall coal exports, including those to Canada, to 138 million tons by that date from the 1980 level of 90 million.

Sudden Decline

But the United States has been concerned recently with a sudden decline in its exports to this key market. Last year, sales

Federal Coal Lease Probe: Congress Just Warming Up

By Steve Marcy

WASHINGTON — Congress this summer will begin picking in earnest through the debris of the alleged fire sale of Powder River Basin coal leases, an exercise likely to bring the House and Senate to an initial standoff over the program's future.

The House Appropriations Committee will probably recommend lease bans in fiscal 1983 and 1984, sources there say. Their counterparts in the Senate expect that appropriations panel to fight the leasing moratorium on grounds it would in effect kill the program outright.

The House Appropriations Interior Subcommittee has already voted suspension of any more sales for the balance of this fiscal year, which ends Sept. 30. That would stop July's proposed 713-million-ton Fort Union sale in Montana and North Dakota.

Sources in both chambers say, however, the key senators and congressmen with jurisdiction over the coal program have not had time yet to review allegations in a General Accounting Office report that Interior sold the coal in its largest lease offering ever for \$100 million less than the coal was worth. An earlier House Appropria-

tions Committee analysis pegged the shortfall at about \$60 million.

Interior's Response

Garrey Carruthers, assistant Interior secretary for land and water resources, said in response to the GAO report that the bids "did represent an accurate reflection of market conditions at the time of the sale."

Congressional critics don't dispute that. They say that the market is so slack that the sale should never have been held.

Senate sources say the same issue emerged last year after the April, 1982 Powder River Basin sale, and the Appropriations Committee voted to continue with the program then. Sources say they expect the committee to back the program again, but "we haven't looked forward to the outcome on the floor."

Outcome last year was a 48-47 decision to continue the program.

GAO said that Interior relied heavily on actual sales results in determining fair market value, a post-sale method adopted only six weeks prior to the sale.

"For this approach to work," GAO said, "at least some of the offered tracts must stimulate genuine competition." Competition failed to materialize for the 1.6 billion tons offered in the Powder River tracts, the GAO charges. Only three of 13 received two bids. The rest received only one each.

GAO urged Interior Secretary James Watt to forgo issuing Powder River leases and to postpone the two sales scheduled for the remainder of 1983 and four sales scheduled for 1984 until a method for obtaining sufficient value is obtained.

One congressional source sympathetic to the program points out that the dispute is fair value over the bonus bidding system for the coal tracts when most of the government's revenue — up to 80 percent — on the coal will come from the 12.5 percent royalty rate.

The source also points out that leases

(Continued on page 2)

INSIDE

COAL SLURRY FUELS should begin to fulfill their promise by the middle of the next decade when they start to enter the traditional markets for heavy fuel oils. Story on page 6.

WILLIAM RUCKELSHAUS, soon to be confirmed as EPA administrator, plans to take a close look at how to deal with acid rain and says the Reagan administration must be careful in what it plans to propose for revising the Clean Air Act. Story on page 7.

ENERGY INDUSTRY EXECUTIVES, while still optimistic about economic recovery this year, are less so than executives from other companies, Donna Smith reports as part of this issue's Focus on page 9.

(Continued on back page)

FACTS & FIGURES

Domestic

	WEEKLY				MONTHLY		
	4/30/83	4/23/83	5/1/82		2/83	1/83	2/82
Production				Bituminous and Lignite			
Bituminous, recent week	14,102	14,040	17,752	Consumption			
Bituminous, year to date	246,406		292,135	Electric power utilities	45,700	53,278	48,795
Anthracite, recent week	77	76	88	Coal user stocks of coal			
Anthracite, year to date	1,358		1,673	Electric power utilities	167,845	167,515	148,118
Railroad carloadings				Anthracite			
Bituminous, recent week	96,264	97,459	119,879	Consumption			
Bituminous, year to date	1,850,321		1,968,773	Electric power utilities	73	73	83
Anthracite, recent week	116	323	334	Coal user stocks of coal			
Anthracite, year to date	1,984		3,230	Electric power utilities	6,104	3,107	5,401

Production data in thousands of short tons.

Source: U.S. Department of Energy, Energy Information Administration—Weekly Coal Report.

Note: Data given in thousands of short tons.

Source: U.S. Department of Energy's Energy Information Administration—Weekly Coal Report.

	WEEKLY				MONTHLY		
	4/30/83	4/23/83	5/1/82		2/83	1/83	2/82
Production by states, bituminous and lignite				Coal User Production			
Alabama	428	426	578	Major district users:			
Georgia	3	3	—	Electric utilities			
Illinois	1,135	1,130	1,318	(Mil Kwh.)			
Indiana	533	531	649	Monthly	92,692	108,164	96,906
Kentucky:				Price indexes			
Eastern	1,987	1,978	2,331		3/83	2/83	11/82
Western	642	639	892	Bituminous Coal and Lignite	104.9	104.2	105.0
Total, Ky.	2,629	2,617	3,223	Primary Products	103.7	103.2	103.3
Maryland	63	63	87	Prepared	104.4	103.5	104.4
Ohio	556	554	831	Steam electric utilities	105.7	104.3	105.4
Pennsylvania	1,206	1,200	1,784	North Appalachia	104.4	99.5	102.9
Tennessee	129	129	203	Spot	N.A.	N.A.	N.A.
Virginia	628	625	892	Contract	102.1	N.A.	102.6
West Virginia	2,221	2,211	2,595	South Appalachia	98.2	N.A.	N.A.
Total, Eastern	9,531	9,489	12,160	Contract	98.0	98.0	99.7
Western				Midwest	109.4	109.3	109.2
Alaska	11	11	16	Contract	110.7	110.6	110.5
Arizona	236	234	223	West	109.5	109.1	109.0
Arkansas	3	3	4	Contract	109.5	109.1	109.0
Colorado	312	310	405	Metallurgical/coke producer	101.3	101.2	101.5
Iowa	7	7	12	High volatile	100.7	100.4	100.0
Kansas	12	12	16	North Appalachia	97.2	97.2	97.2
Missouri	87	87	111	Contract	N.A.	N.A.	N.A.
Montana	429	427	689	South Appalachia	102.7	102.3	101.5
New Mexico	319	302	370	Contract	99.0	99.0	100.7
North Dakota	304	302	370	West	99.6	100.3	102.7
Oklahoma	77	77	114	Contract	97.8	97.8	100.9
Texas	546	544	669	South Appalachia	N.A.	102.4	104.2
Utah	293	292	304	Contract	98.5	101.1	99.7
Washington	67	67	105	All other industrial	92.6	N.A.	N.A.
Wyoming	1,869	1,860	2,149	North Appalachia	91.8	92.4	91.2
Total Western	4,571	4,551	5,582	Contract	107.0	107.0	107.2
Total, United States	14,162	14,040	17,752	Unprepared (raw)	101.1	102.5	99.9

In short tons (000).

Source: U.S. Department of Energy, Energy Information Administration—Weekly Coal Reports.

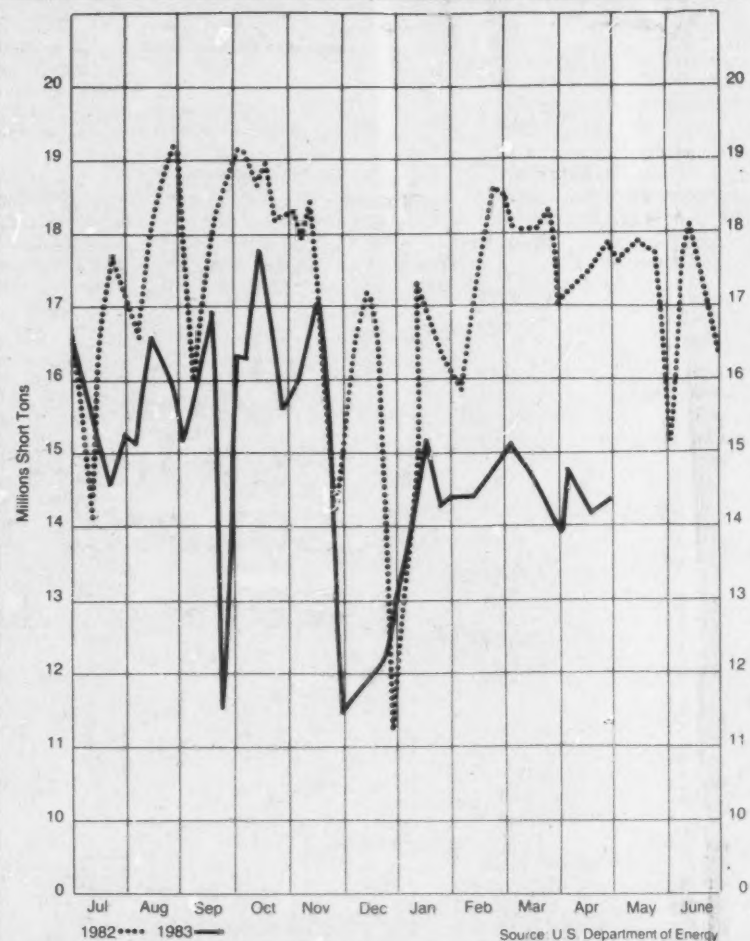
	MONTHLY				MONTHLY		
	3/83	2/83	3/82		3/83	2/83	3/82
Coal Labor				Anthracite			
All employees				Primary products	152.7	153.2	154.0
Coal Mining	197.6	199.4	248.3	Prepared anthracite shipped	153.3	153.9	154.7
Bituminous & Lignite	195.0	196.7	244.9	Slove	148.6	151.2	151.7
Production employees				Chestnut	148.4	148.4	151.5
Coal mining	158.2	159.2	205.2	Pea	159.0	160.3	160.3
Bituminous & Lignite	155.9	156.9	203.2	Buckwheat no. 1	149.0	149.0	149.0
Hours, weekly average				Buckwheat no. 2	160.8	160.8	160.8
Coal mining	39.3	38.8	41.3	Buckwheat no. 4	143.9	143.9	143.9
Bituminous & Lignite	39.4	39.9	41.3	Buckwheat no. 5	110.2	110.2	112.0
Earnings, hourly average				N.A.—Not Available			
Coal mining	13.31	13.37	12.33				
Bituminous & Lignite	13.35	13.41	12.37				
Earnings, weekly average							
Coal mining	523.08	518.76	509.23				
Bituminous & Lignite	525.99	521.65	510.88				

Source: U.S. Department of Labor, Bureau of Labor Statistics—Employment and Earnings.

Source: Bureau of Labor Statistics, Department of Labor.
Note: The Bureau of Labor Statistics has recalculated its production or price index figures for bituminous and lignite, as well as reorganizing its pricing categories. The new index is based on a compilation of average prices for December 1981, and that month appears as 100. The former index used June 1976 prices as its base.

Latest U.S. Production Figures

Estimated Bituminous Coal and Lignite Production



PRODUCTION OF bituminous coal and lignite increased 62,000 tons, 0.4 percent, in the week ended April 30 to 14,102 million short tons. This was still below the 17,752 million short tons produced in the corresponding week of 1982, the Department of Energy's Energy Information Administration reports. Production since the first of the year totaled 246,406 million short tons, 15.7 percent fewer than for the same period in 1982.

	Quantity in short tons			Dollar Value		Avg. Value per short ton			
	3/83	2/83	3/82	3/83	2/83	3/82	3/83	2/83	3/82
Bituminous coal, others									
No. 5213120									
Belgium	36,804	—	34,857	1,517,530	—	1,339,716	41.23	—	47.04
Canada	2,783	1,372	819	116,438	60,556	32,780	41.84	44.13	40.00
China, Taiwan	57,515	188,091	57,605	2,269,686	7,866,839	2,566,976	39.46	41.82	44.56
Denmark	212,350	80,879	224,416	10,044,618	4,330,653	11,191,655	47.30	53.54	49.87
Finland	25	—	—	968	—	—	38.64	—	—
France	198,561	213,529	293,947	9,224,855	9,321,491	13,758,629	46.46	43.65	46.81
Germany, F.R. (West)	60,022	964	129,101	3,484,109	192,984	6,987,405	58.21	196.12	54.12
Italy	483,567	199,674	302,907	21,357,373	8,326,455	14,376,113	44.17	41.70	47.46
Japan	337,037	238,043	731,554	16,781,362	11,708,971	39,267,912	49.79	49.18	53.68
Netherlands	196,332	30,903	185,894	9,579,126	1,648,755	7,741,493	48.79	53.35	41.64
Spain	235,481	163,589	274,907	9,829,909	6,406,330	12,958,430	41.74	39.17	47.14
Total, above	1,820,477	1,117,064	2,236,007	84,215,972	49,865,034	110,521,089	46.26	44.63	49.43
Total, other nations	187,048	137,774	212,947	8,587,152	5,047,051	10,682,828	45.91	36.63	50.17
Total, all nations	2,007,525	1,254,838	2,448,954	92,803,124	54,912,085	121,203,917	46.23	43.78	49.49

Lignite No. 5213130									
Total, all nations	3,661	3,350	3,642	217,060	286,457	342,437	59.20	85.50	94.02
Coal coke for use as fuel									
No. 5213148									
Total, all nations	31,927	43,353	84,734	2,895,081	3,085,027	6,542,520	90.68	71.26	77.21

Petroleum coke, except calcined No. 5213150									
Canada	42,864	12,000	12,398	1,702,382	542,032	672,621	39.72	45.16	54.25
Japan	331,199	391,435	135,817	11,541,633	15,247,119	7,111,090	34.85	38	52.36
Netherlands	228,257	65,500	105,282	8,115,145	1,526,673	36,55	23.29	54.75	—
Total, above	602,320	468,935	253,497	21,359,160	17,315,151	13,548,384	35.46	36.92	53.45
Total, other nations	597,583	303,674	248,236	16,482,768	7,547,868	14,117,779	27.58	24.85	56.87
Total, all nations	1,199,903	772,609	501,733	37,841,928	24,863,019	27,666,163	31.54	32.18	55.14

Compositions for fuel									
No. 5213160									
Total, all nations	5,935	4,174	522	351,379	352,408	79,008	59.20	64.37	151.36
Anthracite No. 5213170									
Korea Rep. (South)	—	—	77,137	—	—	2,589,186	—	—	35.57
Total, all nations	29,949	1,962	94,411	2,326,303	133,618	3,214,323	77.68	68.10	38.08

Exports & Imports

	Quantity in short tons			Dollar Value		Avg. Value per short ton			
	3/83	2/83	3/82	3/83	2/83	3/82	3/83	2/83	3/82
Bituminous coal, low volatile blends to meta coke No. 5213110									
Belgium	146,094	102,086	814,007	9,805,027	6,372,387	41,252,017	65.75	62.42	50.68
Brazil	161,780	260,658	514,418	10,564,837	10,641,939	21,982,830	65.30	40.82	42.73
Canada	42,470	118	505	2,388,764	5,874	23,074	56.25	49.77	45.69
France	286,306	143,400	970,336	15,393,465	5,392,126	48,957,945	53.77	37.60	50.45
Germany, F.R. (West)	44,890	84,860	99,512	2,309,912	4,065,356	5,170,081	51.49	47.90	51.95
Italy	572,042	676,515	673,455	30,581,772	28,779,335	35,730,867	53.46	42.54	53.06
Japan	1,825,087	1,026,776	3,624,548	113,912,012	59,598,260	220,168,421	62.41	58.04	57.57
Netherlands	233,081	182,030	449,993	12,809,887	9,584,337	23,084,802	54.96	52.65	51.30
Spain	262,187	183,130	504,925	15,393,465	7,872,189	26,394,751	—	—	—
Sweden	—	78,036	—	—	3,704,349	—	—	47.46	—
United Kingdom	114,765	—	207,215	6,758,965	—	11,885,406	58.89	—	56.39
Yugoslavia	35,364	107,563	113,581	1,967,000	5,308,416	7,007,642	55.62	49.35	61.70
Total, above	3,724,036	2,845,172	8,172,495	221,685,106	141,324,578	441,457,836	59.53	49.67	54.02
Total, other nations	526,254	702,612	766,238	28,240,957	40,666,377	40,834,653	53.66	57.87	53.29
Total, all nations	4,250,290	3,547,784	8,938,733	249,926,063	181,990,955	482,292,489	58.80	51.29	53.96

BEST AVAILABLE COPY

Despite Relatively Poor 1st Quarter Results

Bull Market's Momentum Carries Most Coal and Related Issues Higher

NEW YORK — The bull market succeeded for the most part in dragging components of *Coal Industry News's* list of 79 stocks higher despite their relatively poor first-quarter earnings.

In the most recent week's trading, only 13 of the 35 coal company stocks were down and two, Pittston and Shell Oil, closed unchanged.

Equipment makers and suppliers to the industry were markedly stronger as only two stocks — Goodrich and Research Cottrell — edged downward, each by only a quarter point.

One of the seven transportation stocks — Santa Fe Industries — was down and it fell only 3/8.

Among the seven coal users, Kaiser Cement slipped 3/8, while Inland Steel fell 1 1/8 and Republic Steel dropped 1 1/2, as weakness persisted in the steel and construction industries.

Most Indexes Climb

During this same period, most stock market indexes were at or above recent record highs. The closely-watched Dow Jones Industrial Index closed at its new high of 1232.59 on May 6. This was a gain of 6.39 points, or 0.52 percent, in the week, and placed the index well above its recent previous high of 1226.20 of April 29. Reflecting buyer interest in the market, volume for the May 6 Week reached 515,485,709 shares, the

fourth highest weekly total on record.

At the same time, the Dow Jones Transportation Index of 20 stocks also reached a new high of 552.10, up 4.53 points over the previous record set a day earlier. Its gain for the week amounted to 5.17 percent, or 27.16 points. The utility index of 15 stocks rose by 0.70 points, or 0.55 percent, to 129.11.

There was little in the news that could affect the upward trend of the 79 stocks in the *Coal Industry News's* list, other than the continuing bullish drive of the overall market. North American Coal, for example, added 1 3/4 to close the week at its weekly high of 37 1/2, although its first quarter report showed net of \$5.4 million down from \$7.1 million a year earlier.

Westmoreland Coal, which boasted of "profitable operations in spite of comparatively low sales levels," added 1 1/2 to close at 26 1/2, just 1/8 under its weekly high.

Other Moves

Likewise, Eastern Gas and Fuel added 1 3/8 and closed at 20 1/2, just 1/4 off its weekly high. Its first quarter report showed net of \$15.8 million against \$18.6 million and the company noted that "weak demand and lower prices in worldwide markets caused first quarter pre-tax losses at our coal operations."

Pittston, on the other hand, was unchanged although its net fell to

\$2 million from \$15.4 million and the company advised that "continued soft demand for both metallurgical and steam coal caused a 41 percent decrease in tons sold in the first quarter."

Among the suppliers, Dravo, Ingersoll-Rand and Signal Cos., each of which wound up the quarter in the red, posted fractional gains in the week's trading. Allis-Chalmers, which showed shopping \$62.4 million loss versus \$2.5 million net a year ago, gained 1 1/2. Kennametal tacked on a strong gain of 3 points and closed at its weekly high of 27 1/2 although the company reported a loss of \$2.9 million against net of \$7.9 million in the first quarter of 1982.

Obviously, investors are looking for bargains and are turning in increasing numbers to those issues that have been hit hardest and have failed to partake of the economic pickup at this stage.

company	May 6, 1983				
	sales	100s	high	low	net
Amex	x14037	1032%	26%	29%	+2%
AEPA	x15867	19%	18%	19%	+1%
AshOw	3391	34	31%	33%	+1%
BethStc	x7797	21%	20%	21%	+%
Boeing	20418	39%	36%	38%	+%
DuPont	15132	104%	45%	47%	+%
EastGF	1823	20%	18%	20%	+1%
EPaso	16675	17%	15%	15%	-1%
Econog	51759	135%	34%	35%	-%
GTire	x17259	107	34%	36%	+2%
Grdch	3671	43%	41%	43%	-%

company	sales				
	100s	high	low	net	chg
GenElh	17273	112%	108%	111%	-%
Graco	5957	146%	43%	46	+1%
GulfOil	x24061	35%	33%	34%	+1%
Hanna	209	25%	24%	24%	+%
KerrMc	7746	33%	31%	32%	-1
Mapco	x1464	23%	23%	23%	+%
Mobil	x31827	31%	30	30%	-%
MontPak	1421	274%	26%	27	-%
Newmtl	5610	55%	52%	55%	+1%
NACoil	278	37%	35%	37%	+1%
OcoPetm	7604	20%	20%	20%	-%
PacPwh	3110	23%	22%	22%	-%
PaPLI	2542	24%	23%	24%	+%
PhilPet	x36101	35%	32%	33%	-2%
Pittston	3192	14%	13%	13%	-
ShellO	4312	42%	41	42	-
SiOClO	x32431	140%	37%	38%	-1%
StdOchp	17026	147%	45%	46%	-1%
SunCo	x4805	38%	36%	37%	-1%
Texaco	18976	38%	35%	36%	+%
Textil	6886	126%	24%	26%	+1%
USSteel	x14952	24%	22%	23%	-%
UtahP	1822	123%	23	23%	+%
Walsh	2805	146%	43%	45%	+1%
West	322	126%	24%	26%	+1%
William	13794	125%	23%	25	+%

company	sales				
	100s	high	low	net	chg
IngrR	4532	47%	45%	47%	+%
Intrian	13062	11%	9%	10%	+1%
JoyMg	4344	26%	24%	26%	+1%
Kennet	x2324	27%	23%	27%	+3
McDnD	6331	161%	55%	60%	+3%
NMineS	123	8%	8	8%	+%
Pennit	1108	36%	38	38%	+%
ReshCol	681	16%	16%	16%	-%
Signal	x8226	31%	29%	31%	+%
Tenneco	11039	139%	37%	39	+1%
UnCarl	x8313	165%	60	65%	+1%
WestE	x14636	48%	43%	48%	+3%

Transportation				
company	sales	100s	high	low
BrNH	x7056	83	76	81%
CSX	4960	166%	61%	66
CNWst	1773	40%	36%	39%
ICld	1249	41%	41%	42%
NorSo	x7172	57%	54%	56%
SFDnd	7995	26%	26%	27%
UnPac	19404	159	53%	58

Users				
company	sales	100s	high	low
Alcoa	18349	35%	31%	35
IndStl	x2077	31%	29%	29%
KaisCo	558	30%	29%	29%
KaisStl	5563	39%	35%	38%
NatlStl	2777	129	25%	26%
RepStl	12485	24	22%	22%
WheelP	305	19%	18	19

a/owns Central Ohio Coal, b/owns 50 percent of Arch Mineral, c/owns Bethlehem Mines, d/owns 15 percent of Peabody Holding Co., e/owns Conoco and Consolidation Coal, f/owns Greenwich Collieries, Ruston Mining and Tunnelton Mining, g/owns Exxon Coal, h/owns Utah International, i/owns 50 percent of Colowyo Coal, j/owns 50 percent of Colowyo Coal, k/owns Western Energy, l/owns 27.5 percent of Peabody Holding, m/owns Island Creek Coal Co., n/owns Nucor, o/owns 20 percent of Amax, p/owns Old Ben Coal Co., q/owns 27.5 percent of Peabody Holding Co., r/owns Jeffrey Mining, s/owns 10 percent of Peabody Holding Co., t/owns American Mine Tool, u/owns Pittsburgh and Midway Coal Mining Co., v/owns 52-week high, x/ex-dividend and sales in full, y/controls Wheelabrator-Frye.

Professional Services Directory

SEEGMILLER INTERNATIONAL
Mining & Construction Engineers

Underground and Highwall Stability
Longwall Design • Support Load Design • Floor
Bearing Pressure • Ch. in and Barrier Pillars • Room
Size and Support • Subsidence Analysis • Roof
Coal and Floor Material Properties • Highwall
Design • Instrumentation • Geotechnical Testing

143 South 400 East SALT LAKE CITY, UTAH 84111 USA
Tel. 801-383-0606 Cable: ROCKENG

Gilbert/Commonwealth

Environmental Impact Assessment
Coal Analysis • Reclamation
Site & Facility Engineering

Engineers and Consultants
Jackson, MI (517) 788-3500
Denver, CO (303) 741-2600

L. J. HUGHES & SONS, INC.
DIAMOND CORE DRILLING
PRESSURE GROUTING
FOUNDATION AND SOIL BORINGS

320 Turnpike Rd.
Summersville, West Virginia 26651
304-872-1111

JOHN T. BOYD COMPANY
MINING AND GEOLOGICAL ENGINEERS

400 Oliver Building Mellon Square
Pittsburgh, PA 15222 (412) 562-1770
Telex No. 866361

Denver, CO
Houston, TX
Huntington, WV
New York, NY

Paul & McDonald Associates, Inc.
AIR POLLUTION CONTROL TECHNOLOGY

- Feasibility Studies
- Coal Sourcing
- Impact of Coal and Ash Properties on Boiler Operation and Air Pollution Control

Two Riverchase Office Plaza, Suite 106
Birmingham, Alabama 35244
205-988-8192

Gates & Fox Company, Inc.
UNDERGROUND CONSTRUCTION

Construction & Mining
Services - Engineering - Management

6030 KING RD. P.O. BOX 105
LOOMIS, CA 95650 (916) 652-7292

BRITISH MINING CONSULTANTS (USA) LTD.

Consulting engineers in mining, materials processing, general engineering and management services.

P.O. Box 2339, Fairfax, Va. 22031
703-691-9223

APPALACHIAN COAL SURVEYS

GEOPHYSICAL SERVICES - Side Hole Logging Specialists
• COMPLETE LOGGING SERVICES - density gamma
radiation, sonic, electric, temperature, velocity
• COAL DENSITY LOGS - by inch primary spacing
drilled in intercalated
• DESIGNED OPERATORS - skilled in interpretation

GEOTECHNICAL CONSULTING - Experts in Modern
Exploration Techniques
• FIELD MANAGEMENT & DRILL SUPERVISION
• COAL RESERVE STUDIES & DRILLAGE MODELING
• PROBABILISTIC ANALYSIS
• PREDICTIVE GEOLOGY FOR MINING CONDITIONS
• GROUNDWATER MONITORING SYSTEMS

Contact: Craig B. Chismore C.P.E.
P.O. Box 12703
Pittsburgh, PA 15225
Telephone: (412) 343-3055

The Norwest Group

NorWest

Consultants to the coal industry:
Surface & Underground Mining
Geology, Utilization
Coal Preparation & Handling
Marketing, Economics

Norwest Resource Consultants
Calgary, Alberta
403-237-7763
Denver, Colorado
303-773-6605
Salt Lake City, Utah
801-364-5343

North American Consultants, Inc.

Geology
Exploration
Drilling Programs
Reserve Studies
Quality Analysis

Environmental
Mine Permitting
Hydrologic Studies
Reclamation
Soils/Land Use
Waste Disposal
Cultural Resources
Environmental Management

13140 COIT RD. DALLAS, TX. 214/644-5001

MDS MINING DATA SYSTEMS
A Div. of
Petroleum Data Systems, Inc.

COMPUTER SYSTEM
• Manage mineral properties & claims
• Adaptable to any size Operation

800-525-1631 or 303-839-5487 (In Co)
835 E. 18th St., Denver, Co 80218

DAVIS
INSTRUMENT MANUFACTURING CO., Inc.

815 E. 36th Street, Baltimore, MD 21218
301-243-4311

America's first & finest precision vane Anemometers have been used in coal mines for over 60 years to insure meeting ventilation requirements.

Pugliese & Associates, Inc.
Coal Preparation Specialists

Consulting • Feasibility Studies
Project Management
Plant Planning and Design

21 Windermere Drive
Valencia, PA 16059
412-898-1620

For DIRECTORY information, call toll free
800-368-5803 or 202-638-6127 (Wash., D.C.)
Ask for Judy Grill

BEST AVAILABLE COPY